

5 **CMOS IMAGE SENSOR USING HIGH FRAME RATE WITH FRAME ADDITION
AND MOVEMENT COMPENSATION**

Abstract

10 A method of forming a composite image using a CMOS image sensor. The method
comprises capturing a plurality of frames using the image sensor, identifying a reference point in
each of the frames, and aligning the frames using the reference point. Finally, the frames are
combines, such as be an arithmetic addition, into the composite image.